



## **Government Girls' Polytechnic, Bilaspur**

Name of the Lab: **Communication Lab**

Practical: **Advance Communication Lab**

Class :**VI Semester (ET&T)**

Teachers Assessment: 10 End Semester Examination: 40

### **List of Experiments**

1. To study the basic structure and types of the optical fiber..
2. To measure the numerical aperture (NA) of the different cables provided
3. To measure the optical power emitted by the LED.
4. To observe the attenuation & coupling loss in optical fiber.
5. Describe the operational characteristics and parameters of Photodiode used as photo detector in fiber optic system..
6. Study of losses in optical fibre..
7. Study of PAM/PPM/PWM signals.
8. Forming simple fiber optic analog link.
9. Study of MTI, CW Doppler RADAR
10. study of cable T.V. system.
11. Study of Satellite Receiver
12. Study of Dish antenna.